

**AMENDMENTS TO THE ABSTRACT**

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

A magnetic angular-position sensor is mounted between two carrier elements that are movable in rotation relative to each other about an axis of rotation. The sensor has firstly a magnetic body defining a working zone in which there extends a magnetic field having field lines perpendicular to the axis of rotation, and secondly a detector member having at least one probe extending in the working zone of the magnetic member in order to provide a signal as a function of the angular orientation of the probe relative to the field lines in the working zone. The magnetic member has two parallel magnet segments and two elongate pole pieces of ferromagnetic material extending perpendicularly to the magnet segments and covering the ends thereof.